

**UTILITY PATENT APPLICATION TRANSMITTAL**  
(Only for new nonprovisional applications under 37 CFR 1.53(b))

Attorney Docket No. 42P17287  
(maximum 12 characters)

First Named Inventor Mark R. Richards

Title: FERROELECTRIC POLYMER MEMORY WITH A THICK INTERFACE LAYER

Express Mail Label No. EV 336 583 814 US

ADDRESS TO: **Mail Stop Patent Application  
Commissioner for Patents  
P.O. Box 1450  
Alexandria, Virginia 22313-1450**

**APPLICATION ELEMENTS**

See MPEP chapter 600 concerning utility patent application contents.

1.  Fee Transmittal Form (e.g., PTO/SB/17)  
(Submit an original and a duplicate for fee processing)
2.  Applicant Claims Small Entity Status. (37 CFR 1.27)
3.  Specification (Total Pages 19 - including cover sheet)  
(preferred arrangement set forth below)
  - Descriptive Title of the Invention
  - Cross Reference to Related Applications
  - Statement Regarding Fed sponsored R & D
  - Reference sequence listing, a table,  
or a computer program listing appendix
  - Background of the Invention
  - Brief Summary of the Invention
  - Brief Description of the Drawings (if filed)
  - Detailed Description
  - Claim(s)
  - Abstract of the Disclosure
4.  Drawings(s) (35 USC 113) (Total Sheets 12)
5.  Oath or Declaration (Total Pages 5)
  - a.  Newly Executed (Original or Copy)
  - b.  Copy from a Prior Application (37 CFR 1.63(d))  
(for Continuation/Divisional with Box 18 completed)
    - i.  DELETIONS OF INVENTOR(S) Signed statement attached deleting  
inventor(s) named in the prior application, see 37 CFR 1.63(d)(2)  
and 1.33(b).
    - c.  Unsigned.
6.  Application Data Sheet. (37 CFR 1.76)
7.  CD-ROM or CD-R in duplicate, large table or Computer Program (Appendix)
8.  Nucleotide and/or Amino Acid Sequence Submission  
(if applicable, all necessary)
  - a.  Computer Readable Form (CRF)
  - b.  Specification Sequence Listing on:
    - i.  CD-ROM or CD-R (2 copies); or
    - ii.  paper
  - c.  Statements verifying identity of above copies

17858 U.S.PTO  
10/676795



093003

### ACCOMPANYING APPLICATION PARTS

9. \_\_\_\_\_ Assignment Papers (cover sheet & documents(s))  
10. \_\_\_\_\_ a. Separate 37 CFR 3.73(b) Statement (where there is an assignee)  
\_\_\_\_\_ b. Power of Attorney  
11. \_\_\_\_\_ English Translation Document (if applicable)  
12. \_\_\_\_\_ a. Information Disclosure Statement (IDS)/PTO-1449 (or PTO/SB/08)  
\_\_\_\_\_ b. Copies of IDS Citations  
13. \_\_\_\_\_ Preliminary Amendment  
14.  Return Receipt Postcard (MPEP 503) (Should be specifically itemized)  
15. \_\_\_\_\_ Certified Copy of Priority Document(s) (if foreign priority is claimed)  
16. \_\_\_\_\_ Nonpublication Request under 35 U.S.C. 122(b)(2)(B)(i). Applicant must attach form PTO/SB/35 or its equivalent.  
17A. \_\_\_\_\_ Claim for Foreign Priority  
17B.  Other: Certificate of Express Mail with copy of itemized postcard

17C.  Pursuant to 37 C.F.R. 1.136(a)(3), applicant(s) hereby request and authorize the U.S. Patent and Trademark Office to (1) treat any concurrent or future reply that requires a petition for extension of time as incorporating a petition for extension of time for the appropriate length of time and (2) charge all required fees, including extension of time fees and fees under 37 C.F.R. 1.16 and 1.17, to Deposit Account No. 02-2666.

18. If a CONTINUING APPLICATION, check appropriate box, and supply the requisite information below and in the first sentence of the specification following the title (e.g., by way of preliminary amendment), or in an Application Data Sheet Under 37 C.F.R. 1.76:

Continuation  
Of Prior Application No.: \_\_\_\_\_ Divisional  
Examiner \_\_\_\_\_ Continuation-in-part (CIP)  
(which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_)  
which is a \_\_\_\_\_ continuation/ \_\_\_\_\_ divisional/ \_\_\_\_\_ CIP of prior application no. \_\_\_\_\_ (List entire chain of priority)

Applicant(s): Also include a Preliminary Amendment to amend the specification to claim priority.  
For CONTINUATION AND DIVISIONAL APPS only: The entire disclosure of the prior application, from which an oath or declaration is supplied under Box 5b, is considered a part of the disclosure of the accompanying continuation or divisional application and is hereby incorporated by reference. The incorporation can only be relied upon when a portion has been inadvertently omitted from the submitted application parts.

19. Correspondence Address  
 Customer Number or Bar Code Label  
here) \_\_\_\_\_ or \_\_\_\_\_ (Insert Customer No. or Attach Bar Code Label  
 Correspondence Address Below  
NAME Michael A. Bernadicou  
ADDRESS BLAKELY, SOKOLOFF, TAYLOR & ZAFMAN LLP  
12400 Wilshire Boulevard  
Seventh Floor  
CITY Los Angeles STATE California ZIP CODE 90025  
Country U.S.A. TELEPHONE (408) 720-8300 FAX (408) 720-8383

Name (PRINT/TYPE): Michael A. Bernadicou Registration No.: 35,934.  
Signature: Michael A. Bernadicou Date : September 30, 2003

## FEE TRANSMITTAL FOR FY 2003

Complete if Known:

Application No.	<u>Not yet assigned</u>	TOTAL AMOUNT OF PAYMENT (\$)	<u>\$1014.00</u>
Filing Date	<u>Herewith (09/30/2003)</u>		
First Named Inventor	<u>Mark R. Richards</u>		
Group Art Unit	<u>Not yet assigned</u>		
Examiner Name	<u>Not yet assigned</u>		
Attorney Docket No.	<u>42P17287</u>		

### METHOD OF PAYMENT (check one)

1.  The Commissioner is hereby authorized to charge indicated fees and credit any over payments to:  
 Deposit Account Number 02-2666  
 Deposit Account Name \_\_\_\_\_
- Charge Any Additional Fee Required Under 37 CFR 1.16 and 1.17
- Applicant claims small entity status. See 37 CFR 1.27

2. X Payment Enclosed: X Check  
                 Money Order  
                 Other

### FEE CALCULATION

#### 1. BASIC FILING FEE

Large Entity		Small Entity		Fee Description	Fee Paid
Fee Code	Fee (\$)	Fee Code	Fee (\$)		
1001	750	2001	375	Utility application filing fee	<u>750.00</u>
1002	330	2002	165	Design application filing fee	_____
1003	520	2003	260	Plant filing fee	_____
1004	750	2004	375	Reissue filing fee	_____
1005	160	2005	80	Provisional application filing fee	_____

**SUBTOTAL (1) \$ 750.00**

#### 2. EXTRA CLAIM FEES

		<u>Extra Claims</u>	<u>Fee from below</u>	<u>Fee Paid</u>
Total Claims	<u>30</u>	<u>- 20** = 10</u>	<u>X 18.00</u>	<u>= 180.00</u>
Independent Claims	<u>4</u>	<u>- 3** = 1</u>	<u>X 84.00</u>	<u>= 84.00</u>
Multiple Dependent				

\*\*Or number previously paid, if greater; For Reissues, see below.

Large Entity		Small Entity		Fee Description
Fee Code	Fee (\$)	Fee Code	Fee (\$)	
1202	18	2202	9	Claims in excess of 20
1201	84	2201	42	Independent claims in excess of 3
1203	280	2203	140	Multiple dependent claim, if not paid
1204	84	2204	42	**Reissue independent claims over original patent
1205	18	2205	9	**Reissue claims in excess of 20 and over original patent

**SUBTOTAL (2) \$ 264.00**

**FEE CALCULATION (continued)**

**3. ADDITIONAL FEES**

<u>Large Entity</u>	<u>Small Entity</u>	<u>Fee Description</u>	<u>Fee Paid</u>
Fee	Fee		
Code	(\$)	Code	(\$)
1051	130	2051	65
1052	50	2052	25
1053	130	1053	130
1812	2,520	1812	2,520
1813	8,800	1813	8,800
1804	920*	1804	920*
1805	1,840*	1805	1,840*
1251	110	2251	55
1252	410	2252	205
1253	930	2253	465
1254	1,450	2254	725
1255	1,970	2255	985
1401	320	2401	160
1402	320	2402	160
1403	280	2403	140
1451	1,510	1451	1,510
1452	110	2452	55
1453	1,300	2453	650
1501	1,300	2501	650
1502	470	2502	235
1503	630	2503	315
1460	130	1460	130
1807	50	1807	50
1806	180	1806	180
8021	40	8021	40
1809	750	2809	375
1814	110	2814	55
1810	750	2810	375
1801	750	2801	375
1802	900	1802	900
1504	300	1504	300
1505	300	1505	300
1803	130	1803	130
1808	130	1808	130
1454	1,300	1454	1,300

Other fee (specify) \_\_\_\_\_

Other fee (specify) \_\_\_\_\_

**SUBTOTAL (3) \$ .00**

\*Reduced by Basic Filing Fee Paid

**SUBMITTED BY:**

Typed or Printed Name: Michael A. Bernadicou

Signature: Michael A. Bernadicou Date: September 30, 2003

Reg. Number: 35,934 Telephone Number: (408) 720-8300

Serial/Patent No.: Not yet assigned Filing/Issue Date: Herewith (9/30/03)  
Client: Intel Corporation  
Title: Ferroelectric Polymer Memory with a Thick Interface Layer

BSTZ File No.: 042390.P17287 Atty/Secty Initials: MAB/MAK/den  
Date Mailed: September 30, 2003 Docket Due Date: \*\*\*  
The following has been received in the U.S. Patent & Trademark Office on the date stamped hereon:

Amendment/Response (\_\_\_\_ pgs.)  Express Mail No.: EV336583814US  Check No. 60409  
 Appeal Brief (\_\_\_\_ pgs.) (in triplicate)  \_\_\_\_\_ Month(s) Extension of Time Amt: \$1014.00  
 Application - Utility (19 pgs., with cover and abstract)  Information Disclosure Statement & PTO-1449 (\_\_\_\_ pgs.)  Check No. \_\_\_\_\_  
 Application - Rule 1.53(b) Continuation (\_\_\_\_ pgs.)  Issue Fee Transmittal Amt: \_\_\_\_\_  
 Application - Rule 1.53(b) Divisional (\_\_\_\_ pgs.)  Notice of Appeal \_\_\_\_\_  
 Application - Rule 1.53(b) CIP (\_\_\_\_ pgs.)  Petition for Extension of Time \_\_\_\_\_  
 Application - Rule 1.53(d) CPA Transmittal (\_\_\_\_ pgs.)  Petition for \_\_\_\_\_  
 Application - Design (\_\_\_\_ pgs.)  Postcard \_\_\_\_\_  
 Application - PCT (\_\_\_\_ pgs.)  Power of Attorney (\_\_\_\_ pgs.) \_\_\_\_\_  
 Application - Provisional (\_\_\_\_ pgs.)  Preliminary Amendment (\_\_\_\_ pgs.) \_\_\_\_\_  
 Assignment and Cover Sheet  Reply Brief (\_\_\_\_ pgs.) \_\_\_\_\_  
 Certificate of Mailing-**Express w/PC**  Response to Notice of Missing Parts \_\_\_\_\_  
 Declaration & POA (5 pgs.) **unsigned**  Small Entity Declaration for Indep. Inventor/Small Business \_\_\_\_\_  
 Disclosure Docs & Orig & Copy of Inventor's Signed Letter (\_\_\_\_ pgs.)  Transmittal Letter, in duplicate \_\_\_\_\_  
 Drawings: 12 # of sheets includes 13 figures  Fee Transmittal, in duplicate \_\_\_\_\_  
 Other: \_\_\_\_\_

### Certificate of Express Mail

"Express Mail" mailing label number: EV 336 583 814 US

Date of Deposit: September 30, 2003

I hereby certify that I am causing this paper or fee, and the documents indicated on the postcard above, to be deposited with the United States Postal Service "Express Mail Post Office to Addressee" service on the date indicated above and that this paper or fee has been addressed to: MS: Patent Application, Commissioner for Patents, P.O. Box 1450, Alexandria, Virginia 22313-1450.

Dianne Neathery  
(Typed or printed name of person mailing paper or fee)

Dianne Neathery 9-30-03  
(Signature of person mailing paper or fee) (Date)

Attorney Docket: 42P17287